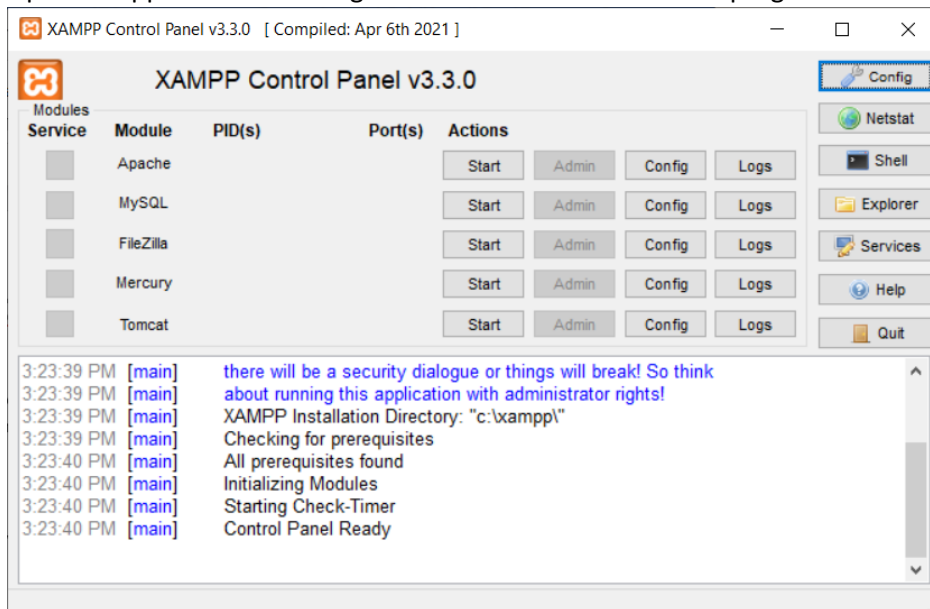


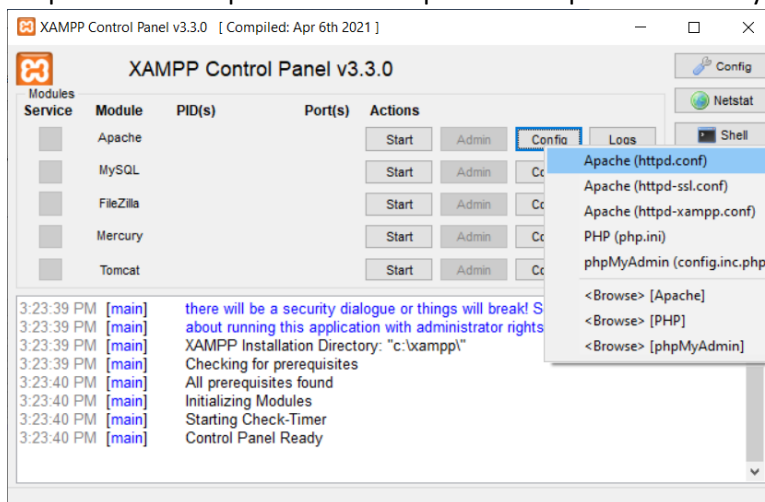
How to setup Xampp with GitHub project

Before doing any of the following steps, make sure that you have cloned the GitHub repository to an accessible location on your computer. Make sure you can easily find what the location of this cloned repository is, so that the path can be used in the following steps.

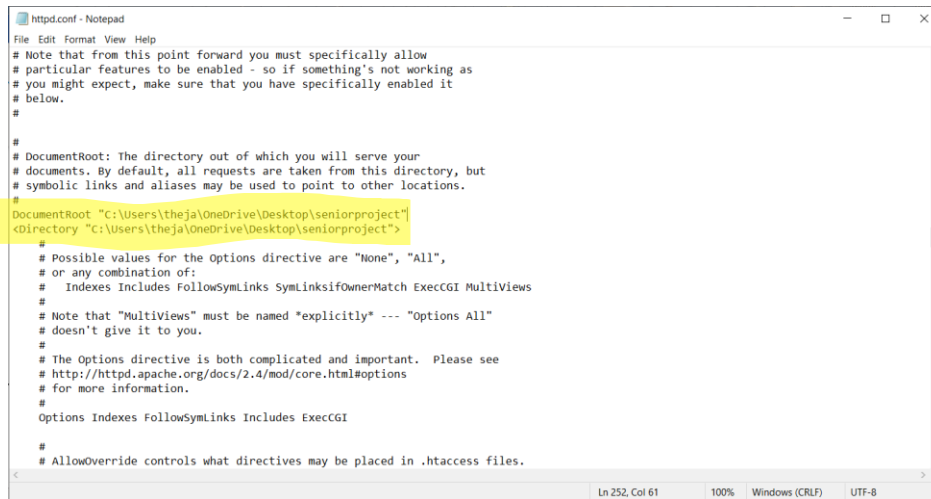
1. Install and setup Xampp, ensure that the program is allowed to pass your computers firewall. If not, create an exception in your firewall for Xampp.
2. Open Xampp. You should be greeted with an instance of the program that looks like this:



3. In the Apache row, click on the "Config" button and then click on the "Apache (httpd.conf)" dropdown menu option. This will open the "httpd.conf" file in your default text-editor.

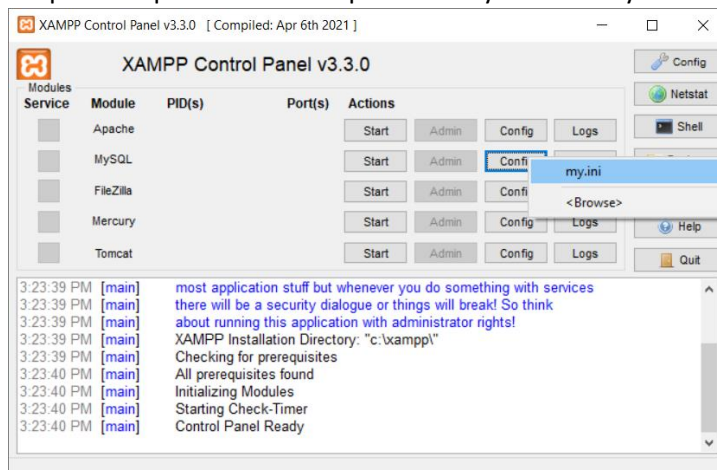


4. In the “httpd.conf”, find the “DocumentRoot” variable and the “Directory” variable in angle brackets. Change the path in quotations to the root path of the cloned repository. Save and close the file.

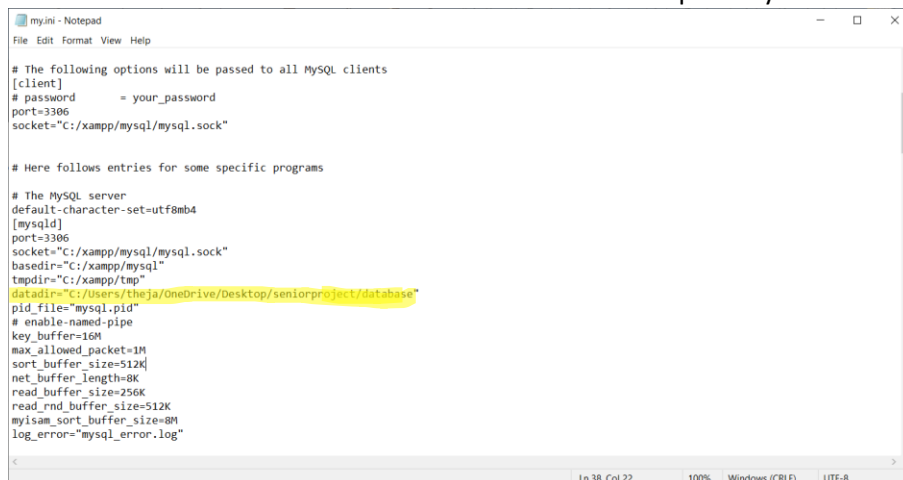


```
File Edit Format View Help
# Note that from this point forward you must specifically allow
# particular features to be enabled - so if something's not working as
# you might expect, make sure that you have specifically enabled it
# below.
#
# DocumentRoot: The directory out of which you will serve your
# documents. By default, all requests are taken from this directory, but
# symbolic links and aliases may be used to point to other locations.
#
DocumentRoot "c:\Users\theja\OneDrive\Desktop\seniorproject"
<Directory "c:\Users\theja\OneDrive\Desktop\seniorproject">
#
# Possible values for the Options directive are "None", "All",
# or any combination of:
#   Indexes Includes FollowSymLinks SymLinksIfOwnerMatch ExecCGI MultiViews
#
# Note that "MultiViews" must be named "explicitly" --- "Options All"
# doesn't give it to you.
#
# The Options directive is both complicated and important. Please see
# http://httpd.apache.org/docs/2.4/mod/core.html#options
# for more information.
#
Options Indexes FollowSymLinks Includes ExecCGI
#
# AllowOverride controls what directives may be placed in .htaccess files.
```

5. In Xampp on the “MySQL” row, click on the “Config” button. Then click on the “my.ini” dropdown option. This will open the “my.ini” file in your default text-editor.



6. In the “[mysqld]” section of the file, change the “datadir” variable’s value to the directory path of the database folder found in the root of the cloned repository. Save and close the file.



```
File Edit Format View Help
# The following options will be passed to all MySQL clients
[client]
# password      = your_password
port=3306
socket="c:\xampp\mysql\mysql.sock"

# Here follows entries for some specific programs

# The MySQL server
default-character-set=utf8mb4
[mysqld]
port=3306
socket="c:\xampp\mysql\mysql.sock"
basedir="c:\xampp\mysql"
tmpdir="c:\xampp\tmp"
datadir="c:\Users\theja\OneDrive\Desktop\seniorproject\database"
pid_file="mysql.pid"
# enable-named-pipe
key_buffer=16M
max_allowed_packet=1M
sort_buffer_size=512K
net_buffer_length=8K
read_buffer_size=256K
read_rnd_buffer_size=512K
mysam_sort_buffer_size=8M
log_error="mysql_error.log"
```

Conclusion

You should now be able to use Xampp with the GitHub project! To start Xampp, click the “Start” buttons in the “Apache” and “MySQL” rows to start both services. To access the website, type localhost in your web browser and it should open the “index.html” file found in the root of the cloned repository.